



Testing. Advising. Assuring.

**Report No.: 16-06-M0266-B-AAMA-TC**

Issue Date: March 28, 2017

**Northern Facades**  
6435 Northwest  
Mississauga, Ontario  
L4V 1K2

Attn: Mr. Marco Santos  
Tel: 647-999-3665  
E-mail: Marco.Santos@Northernfacades.com

**“Accumet Panel System”:**

At the request of Northern Facades, Exova was retained to evaluate an exterior panel system identified as the “Accumet Panel System” having panel thickness from 4 mm to 6 mm in accordance with AAMA 508-14 for pressure equalization behavior and water penetration resistance as outlined in Proposal number 16-006-408331, Revision1.


Summarized Test Results Exova Specimen No.: 16-06-M0266-B		
Test	Results	Results
Pressure Equalization Behaviour AAMA 508-14, Section 5.5 – Referencing ASTM E1233 (Modified)	Did not exceed pressure differential and maximum time shift pulse	<b>Meets Requirement</b>
Water Penetration AAMA 508-14, Section 5.6 – Referencing ASTM E331-00 (16)	Test Pressure, Pa (psf): 300 (6.24)	<b>Pass</b> Less than 5% of wetted area
Uniform Load Structural AAMA 508-14, Section 5.7 – Referencing ASTM E330-14	Test Pressure, Pa (psf): ±1410 (30.00)	<b>Pass</b> No permanent Deformation
Dynamic Water Penetration AAMA 508-14, Section 5.7 – Referencing AAMA 501.1-05	Test Pressure, Pa (psf): 300 (6.24)	<b>Pass</b> Less than 5% of wetted area


<sup>(1)</sup> Fifty-six (56) 3 mm diameter holes were drilled through the Plexiglas substrate, equally spaced, 150 mm (6”) above the drainage tracks. These penetrations were employed to simulate an air / water resistive barrier sheathing membrane imperfections in general accordance with AAMA 508-14, Section 5.2.2.

Note: This document is a courtesy summary of the test results that will be officially outlined in Exova Report Number: 16-06-M0266-B-AAMA, Revision 1. This is not a comprehensive report. In future, please refer to these documents for detailed information pertaining to the test specimen configuration and construction details.

Reported by:

Reviewed & Authorized by:

  
Sunny Ling, CET. Ext 11412  
Supervisor, Building Systems  
Products Testing Division

  
David Wren, P.Eng. Ext 11215  
Technical Manager, Building Systems and Products  
Products Testing Division